

**UNIVERSITY OF BRITISH COLUMBIA  
DEPARTMENT OF GEOGRAPHY**

**Colloquium / Research Seminar**

**Garry Clarke**

(Department of Earth and Ocean Sciences, UBC)

“Projections of the Climate-forced Deglaciation of Western Canada Using a Regional Glaciation Model”



Over the last century, the mountain glaciers of Alberta and British Columbia, Canada, experienced substantial mass wastage. This trend is expected to continue through the 21st century and cause a dramatic decrease in the number, area, and volume of glaciers. My seminar presents the results of a modelling study that simulates the dynamic response of all (>17,000) currently-existing glaciers to climate-forced changes in their mass balance.

**Tuesday, 17 January  
Geography Room 200  
at 12:30 pm**